



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on May 6, 2004

John D. Tanner
Name of Depositor

Signature of Depositor

P&G Case 9346

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of :
John D. Tanner, et al. : Confirmation No. 5756
Serial No. 10/643,669 : Group Art Unit 1724
Filed August 19, 2003 : Examiner
For Water Filter Design

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, record is being made on the attached Form PTO/SB08 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in § 1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. § 1.97(h), this Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on attached form PTO/SB08 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. § 1.56(b).

1. ☐ **37 C.F.R. §1.97(b)(1) - U.S. Direct (use when filing IDS with nonprovisional patent application, or with Request for Continued Examination (RCE); or within 3 months of filing a nonprovisional patent application)**

This information disclosure statement, submitted under 37 C.F.R. § 1.97(b)(1), is being filed with the patent application, with a Request for Continued Examination or within three months of the filing date of a national application. Therefore, no fee is believed to be due.

2. ☒ **37 C.F.R. §1.97(b)(3) - (use when filing IDS more than 3 months after filing a nonprovisional patent application, but prior to receipt of first Office Action)**

This information disclosure statement is being submitted under 37 C.F.R. § 1.97(b)(3). Applicants have not received an Office Action on the merits in the present application. Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required

fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter (or a fee transmittal form) is enclosed to facilitate charging of the fee, if necessary.

3. ☐ **37 C.F.R. §1.97(b)(4) - (use when filing IDS prior to receipt of first Office Action after the filing of a Request for Continued Examination (RCE) under §1.114)**

This information disclosure statement is being submitted under 37 C.F.R. §1.97(b)(4). Applicants have not received a first Office Action after filing a Request For Continued Examination (RCE). Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter (or a fee transmittal form) is enclosed to facilitate charging of the fee, if necessary.

4. ☐ **37 C.F.R. §1.97(c) with fee payment - (use when filing IDS after receipt of first Office Action, and before receipt of Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution)**

This information disclosure statement is being submitted under 37 C.F.R. §1.97(c). Applicant(s) have not received a final action under 37 C.F.R. §1.113, a notice of allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (e.g., *Ex parte Quayle*) as of the date of this submission. Applicant(s) elect to pay the fee set forth in 37 C.F.R. §1.17(p). Please charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account Number 16-2480 in the name of The Procter & Gamble Company. A duplicate copy of this letter (or a fee transmittal form) is enclosed to facilitate the charging of the fee.

5. ☐ **Information to be Considered with Continued Prosecution Application (CPA) Filing (use when filing IDS with a Continued Prosecution Application (CPA) for Design Case)**. This information disclosure statement is being filed with a Continued Prosecution Application (CPA) filed under 37 C.F.R. 1.53(d).

ADDITIONAL ITEMS TO BE NOTED BY THE EXAMINER:

☐ (1) (For use with applications filed prior to or on June 30, 2003.) Copies of the cited documents are enclosed.

OR

☒ (2) (For use with applications filed after June 30, 2003.) In accordance with 37 C.F.R. §1.98(a)(2), Applicants are submitting copies of foreign patent documents and non-patent literature.

OR

☐ (3) All of the cited references were previously cited by or submitted to the USPTO in prior application Case No. ____, U.S. Patent Application Serial No. __, filed __. Applicants claim priority to said application under 35 U.S.C. §120. Accordingly, copies of previously submitted references are not provided with this Statement, pursuant to 37 C.F.R. §1.98(d). It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case.

OR

☐ (4) Copies of all said documents, except Cite Numbers ____, were submitted and considered in parent application U.S. Patent Application Serial No. ____, filed _____. Applicant(s) claim priority to said application under 35 U.S.C. §120. Accordingly, copies of previously submitted references are not provided with this Statement, pursuant to 37 C.F.R. §1.98(d). Copies of references not previously submitted are enclosed. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case.

☒ (5) to 37 C.F.R. §1.98(c), a concise explanation of the relevance of each cited reference that is not in the English language is provided or a copy of an English abstract is provided in accordance with MPEP § 609.

☐ (6) Applicants also respectfully request the Examiner to consider and make of record the co-pending applications listed on the attached page.

☐ Additional information is attached.

Respectfully submitted,

By


Richard L. Alexander

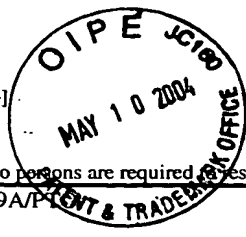
Attorney or Agent for Applicant(s)

Registration No. 52463

(513)622-1268

Customer No. 27752

Please type a plus sign (+) inside this box → [+]



PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PATENT & TRADEMARK OFFICE

COMPLETE IF KNOWN

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 8

Application Number	10/643,669
Confirmation Number	5756
Filing Date	August 19, 2003
First Named Inventor	John D. Tanner
Group Art Unit	1724
Examiner Name	
Attorney Docket Number	9346

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	US- 4,759,844	07/26/1988	Lipschultz, et al.	
	2	US- 5,223,132	06/29/1993	Yoon	
	3	US- 5,560,393	10/01/1996	Clack	
	4	US- 5,454,944	10/03/1995	Clack	
	5	US- 5,290,442	03/01/1994	Clack	
	6	US- 5,662,792	09/02/1997	Suh	
	7	US- 5,776,339	07/07/1998	Ha, et al.	
	8	US- 4,110,219	08/29/1978	Maples	
	9	US- 5,658,457	08/19/1997	Schoenmeyr	
	10	US- 4,923,091	05/08/1990	Sutera	
	11	US- 602,883	04/26/1898	Tyden	
	12	US- Des. 418,198	12/28/1999	Bainton	
	13	US- Des. 278,650	04/30/1985	Slovak, et al.	
	14	US- 3,572,553	03/30/1971	Ogden	
	15	US- 1,043,933	11/12/1912	Hildebrand	
	16	US- 611,691	10/04/1898	Langdon, et al.	
	17	US- 963,324	07/05/1910	Randall	
	18	US- Des. 356,625	03/21/1995	Petrucci, et al.	
	19	US- US 2002/0043491 A1	04/18/2002	Janik, et al	
	20	US- 2,750,080	06/12/1956	Blanchard, et al.	
	21	US- 3,856,676	12/24/1974	Grimme, et al.	
	22	US- 4,515,692	05/07/1985	Chandler, et al.	
	23	US- 4,623,467	11/18/1986	Hamlin	
	24	US- 4,885,085	12/05/1989	Beall,Jr.	
	25	US- 4,969,991	11/13/1990	Valadez	
	26	US- 5,112,477	05/12/1992	Hamlin	
	27	US- 5,122,265	06/16/1992	Mora, et al.	
	28	US- 5,131,277	07/21/1992	Birdsong, et al.	
	29	US- 5,282,972	02/01/1994	Hanna, et al.	
	30	US- 5,316,673	05/31/1994	Kohlmann, et al.	
	31	US- 5,324,434	06/28/1994	Oikawa, et al.	
	32	US- 5,356,531	10/18/1994	Rantz	
	33	US- 5,468,387	11/21/1995	Solomon	
	34	US- 5,478,465	12/26/1995	Larson, et al.	
	35	US- 5,582,717	12/10/1996	Di Santo	
	36	US- 5,587,089	12/24/1996	Vogel, et al.	
	37	US- 5,626,749	05/06/1997	Lambert, et al.	
	38	US- 5,639,374	06/17/1997	Monroe, et al.	
	39	US- 5,817,231	10/06/1998	Souza	
	40	US- 5,976,363	11/02/1999	Monroe, et al.	
	41	US- 6,120,682	09/19/2000	Cook	
	42	US- 6,123,844	09/26/2000	Haney	
	43	US- 6,139,726	10/31/2000	Greene	
	44	US- 6,288,255 B1	05/08/2001	Peterson, et al.	
	45	US- 6,270,658 B1	08/07/2001	Plüss	
	46	US- 6,328,881 B1	12/11/2001	Larkner, et al.	
	47	US- 6,423,212 B1	07/23/2002	Bosko	
	48	US- 6,436,282 B1	08/20/2002	Gundrum, et al.	

	49	US- 9,622	03/29/1881	Best	
	50	US- 25,398	09/13/1859	Duchamp	
	51	US- 531,838	01/01/1895	Davis, et al.	
	52	US 590,020	09/14/1897	Myers	
	53	US- 673,722	05/07/1901	Moulton	
	54	US- 826,654	07/24/1906	Firth	
	55	US- 967,905	08/23/1910	Hagg	
	56	US- 1,363,589	12/28/1920	Hartman	
	57	US- 1,579,158	03/30/1926	Smile	
	58	US- 1,621,684	03/22/1927	Rabjohn, et al.	
	59	US- 1,752,060	03/25/1930	Burright, et al.	
	60	US- 1,806,977	05/26/1931	Kenney	
	61	US- 1,674,203	06/19/1928	Holz, et al.	
	62	US- 2,268,076	12/30/1941	Lawlor	
	63	US- 2,335,458	11/30/1943	Senyal	
	64	US- 2,372,340	03/27/1945	Senyal	
	65	US- 2,633,990	04/07/1953	Simpson, et al.	
	66	US- 2,811,258	10/29/1957	Schleyer, et al.	
	67	US- 2,987,187	06/06/1961	Comroe	
	68	US- 3,184,064	05/18/1965	Sampson, et al.	
	69	US- 3,342,335	09/19/1967	Gamundi, et al.	
	70	US- 3,539,009	11/10/1970	Kudlaty	
	71	US- 3,550,782	12/29/1970	Veloz	
	72	US- 3,692,180	09/19/1972	LaRaus	
	73	US- 3,931,009	01/06/1976	Davis	
	74	US- 3,939,074	02/17/1976	Bray	
	75	US- 3,950,253	04/13/1976	Stern	
	76	US- 4,014,792	03/29/1977	Gossett, et al.	
	77	US- 4,019,986	04/26/1977	Burris, et al.	
	78	US- 4,021,343	05/03/1977	Tyler	
	79	US- 4,049,550	09/20/1977	Obidniak	
	80	US- 4,086,166	04/25/1978	Martin	
	81	US- 4,152,262	05/01/1979	Rose	
	82	US- 4,190,537	02/26/1980	Tondreau, et al.	
	83	US- 4,252,650	02/24/1981	Mas, et al.	
	84	US- 4,277,333	07/07/1981	Coppola	
	85	US- 4,368,123	01/11/1983	Stanley	
	86	US- 4,391,712	07/05/1983	Tyler, et al.	
	87	US- 4,585,554	04/29/1986	Burrows	
	88	US- 4,595,497	06/17/1986	Burrows	
	89	US- 4,606,828	08/19/1986	Wells	
	90	US- 4,609,466	09/02/1986	McCausland, et al.	
	91	US- 4,623,451	11/18/1986	Oliver	
	92	US- 4,626,346	12/02/1986	Hall	
	93	US- 4,657,674	04/14/1987	Burrows	
	94	US- 4,670,144	06/02/1987	McCausland, et al.	
	95	US- 4,678,565	07/07/1987	Norton	
	96	US- 4,683,054	07/28/1987	Turnbull	
	97	US- 4,695,375	09/22/1987	Tyler	
	98	US- 4,743,366	05/10/1988	Burrows	
	99	US- 4,744,895	05/17/1988	Gales, et al.	
	100	US- 4,749,484	06/07/1988	Greenhut	
	101	US- 4,752,389	06/21/1988	Burrows	
	102	US- 4,775,465	10/04/1988	Burrows	
	103	US- 4,776,952	10/11/1988	Burrows	
	104	US- 4,808,302	02/28/1989	Beall, JR	
	105	US- 4,816,149	03/28/1989	Wekell	
	106	US- 4,830,223	05/16/1989	Priest	
	107	US- 4,830,744	05/16/1989	Burrows	
	108	US- 4,842,724	06/27/1989	Bray, et al.	
	109	US- 4,853,117	08/01/1989	Burrows	
	110	US- 4,879,027	11/07/1989	Sanders	
	111	US- 4,880,535	11/14/1989	Burrows	
	112	US- 4,936,984	06/26/1990	Blandford, et al.	
	113	US- 4,946,600	08/07/1990	Shin	
	114	US- 4,994,184	02/19/1991	Thalmann, et al.	
	115	US- 4,997,553	03/05/1991	Clack	
	116	US- 5,004,535	04/02/1991	Bosko, et al.	

	117	US- 5,037,547	08/06/1991	Burrows	
	118	US- 5,039,402	08/13/1991	Himelstein	
	119	US- 5,049,270	09/17/1991	Carrano, et al.	
	120	US- 5,068,030	11/26/1991	Chen	
	121	US- 5,069,782	12/03/1991	Moyher, Jr, et al.	
	122	US- 5,078,864	01/07/1992	Whittier	
	123	US- 5,082,557	01/21/1992	Grayson, et al.	
	124	US- 5,110,468	05/05/1992	Miyashita, et al.	
	125	US- 5,111,966	05/12/1992	Fridman	
	126	US- 5,114,042	05/19/1992	Sutera	
	127	US- 5,116,502	05/26/1992	Ferguson	
	128	US- 5,128,036	07/07/1992	Svensson	
	129	US- 5,147,533	09/15/1992	Lipshultz, et al.	
	130	US- 5,160,608	11/03/1992	Norton	
	131	US- 5,188,727	02/23/1993	Kurth, et al.	
	132	US- 5,203,803	04/20/1993	Schoenmeyr	
	133	US- 5,232,590	08/03/1993	Reid	
	134	US- 5,238,559	08/24/1993	Nieweg	
	135	US- 5,248,417	09/28/1993	Reid	
	136	US- 5,261,792	11/16/1993	Schoenmeyr	
	137	US- 5,277,805	01/11/1994	Ferguson	
	138	US- 5,281,309	01/25/1994	Greene	
	139	US- 5,296,148	03/22/1994	Colangelo, et al.	
	140	US- 5,322,625	06/21/1994	Rise	
	141	US- 5,324,424	06/28/1994	Hochgatterer	
	142	US- 5,348,647	09/20/1994	Chen	
	143	US- 5,349,992	09/27/1994	Gallo, et al.	
	144	US- 5,356,531	10/18/1994	Rantz	
	145	US- 5,368,197	11/29/1994	Sutera	
	146	US- 5,393,419	02/28/1995	Tiede, et al.	
	147	US- 5,435,909	07/25/1995	Burrows	
	148	US- 5,443,739	08/22/1995	Vogel, et al.	
	149	US- 5,447,626	09/05/1995	Ido	
	150	US- 5,449,456	09/12/1995	Bowman	
	151	US- 5,464,531	11/07/1995	Greene	
	152	US- 5,502,978	04/02/1996	Field	
	153	US- 5,536,395	07/16/1996	Kuennen, et al.	
	154	US- 5,536,396	07/16/1996	Mudra, et al.	
	155	US- 5,445,729	08/29/1995	Monroe, et al.	
	156	US- 5,562,824	10/08/1996	Magnusson	
	157	US- 5,565,100	10/15/1996	Deng	
	158	US- 5,567,311	10/22/1996	Jang	
	159	US- 5,580,444	12/03/1996	Burrows	
	160	US- 5,643,444	07/01/1997	Garrigues, et al.	
	161	US- 5,645,719	07/08/1997	Ha, et al.	
	162	US- 5,656,160	08/12/1997	Parise, et al.	
	163	US- 5,662,779	09/02/1997	Greene, et al.	
	164	US- 5,665,224	09/09/1997	Levene, et al.	
	165	US- 5,679,243	10/21/1997	Cho	
	166	US- 5,681,459	10/28/1997	Bowman	
	167	US- 5,686,893	11/11/1997	Jeon	
	168	US- 5,698,091	12/16/1997	Kuennen, et al.	
	169	US- 5,730,863	03/24/1998	Howlings, et al.	
	170	US- 5,755,957	05/26/1998	Jeon	
	171	US- 5,762,787	06/09/1998	Park, et al.	
	172	US- 5,785,848	07/28/1998	Strand	
	173	US- 5,800,707	09/01/1998	Mehnert, et al.	
	174	US- 5,853,572	12/29/1998	Kuennen, et al.	
	175	US- 5,855,796	01/05/1999	Joung	
	176	US- 5,900,138	05/04/1999	Moretto	
	177	US- 5,900,141	05/04/1999	Takigawa, et al.	
	178	US- 5,900,143	05/04/1999	Dalton, et al.	
	179	US- 5,922,378	07/13/1999	Kagan, et al.	
	180	US- 5,928,503	07/27/1999	Shang – Chun	
	181	US- 5,928,506	07/27/1999	Bae	
	182	US- 5,957,339	09/28/1999	Deni, et al.	
	183	US- 5,992,684	11/30/1999	Russell	
	184	US- 6,001,249	12/14/1999	Bailey, et al.	

	185	US- 6,099,735	08/08/2000	Kelada	
	186	US- 6,013,180	01/11/2000	Wang	
	187	US- 6,245,229 B1	06/12/2001	Kool, et al.	
	188	US- 6,258,265	07/10/2001	Jones	
	189	US- 6,264,830	07/24/2001	Plester, et al.	
	190	US- 6,270,822 B1	08/07/2001	Frazier	
	191	US- 6,361,686 B1	03/26/2002	Conrad	
	192	US- 6,370,884 B1	04/16/2002	Kelada	
	193	US- 6,391,191 B2	05/21/2002	Conrad	
	194	US- 6,402,949 B1	06/11/2002	Banks	
	195	US- 6,491,815 B2	12/10/2002	Conrad, et al.	
	196	US- 2001/0032823 A1	10/25/2001	Plester, et al.	
	197	US- 2002/0011434 A1	01/31/2002	Kuennen, et al.	
	198	US- 2002/0014461 A1	02/07/2002	Kuennen, et al.	
	199	US- 2002/0060177 A1	05/23/2002	Conrad	
	200	US- 2002/0170921 A1	11/21/2002	Tan, et al.	
	201	US- 34,658	06/11/1901	Weaver	
	202	US- 41,321	04/18/1911	Anderson	
	203	US- Des. 76,391	09/25/1928	Groak	
	204	US- Des. 93,910	11/27/1934	Camp	
	205	US- Des. 113,679	03/07/1939	Neely	
	206	US- Des. 128,316	7/15/1941	Roffy	
	207	US- Des. 133,177	07/28/1942	Gross	
	208	US- Des. 136,021	07/20/1943	Kraissl, JR	
	209	US- Des. 143,545	01/15/1946	Pond, et al.	
	210	US- Des. 170,472	09/22/1953	Monsarrat	
	211	US- Des. 173,603	12/07/1954	Atkinson	
	212	US- Des. 196,108	08/27/1963	Gerber	
	213	US- Des. 208,752	09/26/1967	Payne	
	214	US- Des. 216,978	03/24/1970	Greene	
	215	US- Des. 221,850	09/14/1971	Anderson	
	216	US- Des. 227,565	07/03/1973	Ehret	
	217	US- Des. 227,886	07/24/1973	Martinez	
	218	US- Des. 229,178	11/13/1973	Mixon	
	219	US- Des. 232,550	08/27/1974	Fushihara	
	220	US- Des. 234,356	02/18/1975	Holben, et al.	
	221	US- Des. 234,357	02/18/1975	Humphrey	
	222	US- Des. 234,843	04/15/1975	Taylor	
	223	US- Des. 235,143	05/20/1975	Ehret	
	224	US- Des. 236,263	08/12/1975	Dussardier, et al.	
	225	US- Des. 236,264	08/12/1975	Taylor	
	226	US- Des. 236,265	08/12/1975	Dussardier	
	227	US- Des. 236,829	09/16/1975	Berry, JR, et al.	
	228	US- Des. 240,624	07/20/1976	MacMurray	
	229	US- Des. 240,731	07/27/1976	Free, et al.	
	230	US- Des. 242,043	10/26/1976	Corder, et al.	
	231	US- Des. 249,053	08/22/1978	Hansrote	
	232	US- Des. 249,055	08/22/1978	Hansrote	
	233	US- Des. 249,054	08/22/1978	Hansrote	
	234	US- Des. 249,057	08/22/1978	Hansrote	
	235	US- Des. 249,275	09/05/1978	Mackay, et al.	
	236	US- Des. 249,701	09/26/1978	Maples, et al.	
	237	US- Des. 251,380	03/20/1979	Casamitjana	
	238	US- Des. 253,715	12/18/1979	Emery	
	239	US- Des. 256,944	09/16/1980	Fox, JR.	
	240	US- Des. 258,462	03/03/1981	Mixon	
	241	US- Des. 268,866	05/03/1983	Desai, et al.	
	242	US- Des. 274,930	07/31/1984	Joe	
	243	US- Des. 282,767	02/25/1986	Shofner	
	244	US- Des. 288,115	02/03/1987	McCausland, et al.	
	245	US- Des. 289,429	04/21/1987	Thumberger	
	246	US- Des. 290,386	06/16/1987	Padilla	
	247	US- Des. 290,638	06/30/1987	Bishop	
	248	US- Des. 292,429	10/20/1987	Spink	
	249	US- Des. 293,367	12/22/1987	Spink	
	250	US- Des. 295,887	05/24/1988	Hopkins	
	251	US- Des. 296,000	05/31/1988	Padilla	
	252	US- Des. 296,352	06/21/1988	Luzenberg	

	253	US- Des. 296,463	06/28/1988	Padilla	
	254	US- Des. 297,349	08/23/1988	Kronsbein	
	255	US- Des. 301,913	06/27/1989	Brown, et al.	
	256	US- Des. 303,703	09/26/1989	Padilla, et al.	
	257	US- Des. 304,363	10/31/1989	Ruesch	
	258	US- Des. 306,754	03/20/1990	Petrucci, et al.	
	259	US- Des. 307,173	04/10/1990	Boehnke	
	260	US- Des. 307,933	05/15/1990	Baer	
	261	US- Des. 309,487	07/24/1990	Lieberman	
	262	US- Des. 309,494	07/24/1990	Riley	
	263	US- Des. 312,679	12/04/1990	Carrano, et al.	
	264	US- Des. 314,226	01/29/1991	Devine, et al.	
	265	US- Des. 314,607	02/12/1991	Kaptec, et al.	
	266	US- Des. 318,092	07/09/1991	Ferguson	
	267	US- Des. 318,093	07/09/1991	Ferguson	
	268	US- Des. 318,315	07/16/1991	Sanborn	
	269	US- Des. 319,288	08/20/1991	Spokoyny	
	270	US- Des. 319,864	09/10/1991	Geneve, et al.	
	271	US- Des. 321,550	11/12/1991	Laughlen, et al.	
	272	US- Des. 323,017	01/07/1992	Bernstein	
	273	US- Des. 323,203	01/14/1992	Pedersen	
	274	US- Des. 324,721	03/17/1992	Kaptec, et al.	
	275	US- Des. 328,777	08/18/1992	Thalmann, et al.	
	276	US- Des. 331,446	12/01/1992	Gidman	
	277	US- Des. 332,131	12/29/1992	Chez	
	278	US- Des. 336,760	06/22/1993	Raunkjaer	
	279	US- Des. 340,967	11/02/1993	Muir	
	280	US- Des. 344,322	02/15/1994	Kasner, et al.	
	281	US- Des. 347,462	05/31/1994	Douglas	
	282	US- 5,505,120	04/09/1996	Albertson	
	283	US- Des. 403,406	12/29/1998	Douglas	
	284	US- Des. 405,156	02/02/1999	Vanderhoef	
	285	US- Des. 405,867	02/16/1999	Denkewicz, Jr. et al.	
	286	US- Des. 405,868	02/16/1999	Denkewicz, Jr. et al.	
	287	US- Des. 406,314	03/02/1999	Denkewicz, Jr. et al.	
	288	US- Des. 407,462	03/30/1999	Bishop, et al.	
	289	US- Des. 409,715	05/11/1999	Cruz, et al.	
	290	US- Des. 410,726	06/08/1999	Cook	
	291	US- Des. 386,242	11/11/1997	Clack, et al.	
	292	US- Des. 389,004	01/13/1998	Hampshire, et al.	
	293	US- Des. 390,629	02/10/1998	Ullmann	
	294	US- Des. 350,870	09/27/1994	Hansen	
	295	US- Des. 351,014	09/27/1994	Hansen	
	296	US- Des. 352,200	11/08/1994	Hansen	
	297	US- Des. 353,440	12/13/1994	Ito, et al.	
	298	US- Des. 357,058	04/04/1995	Engelhard	
	299	US- Des. 358,460	05/16/1995	Wren	
	300	US- Des. 360,332	07/18/1995	Mann	
	301	US- Des. 363,760	10/31/1995	Morem, et al.	
	302	US- Des. 370,521	06/04/1996	Archer, et al.	
	303	US- Des. 372,295	07/30/1996	Weber	
	304	US- Des. 372,515	08/06/1996	Douglas	
	305	US- Des. 372,760	08/13/1996	Brancazio, et al.	
	306	US- Des. 378,883	04/22/1997	Magnusson	
	307	US- Des. 383,192	09/02/1997	Johnson	
	308	US- Des. 416,307	11/09/1999	Williams	
	309	US- Des. 421,089	02/22/2000	Fujita, et al.	
	310	US- Des. 422,679	04/11/2000	Burrows	
	311	US- Des. 424,660	05/09/2000	Teran, et al.	
	312	US- Des. 426,418	06/13/2000	Norvell, et al.	
	313	US- Des. 429,943	08/29/2000	Yu	
	314	US- D437,913 S	02/20/2001	Adam, et al.	
	315	US- D438,282 S	02/27/2001	Liu	
	316	US- D440,255 S	04/10/2001	Dickson	
	317	US- D449,758 S	10/30/2001	Norvell, et al.	
	318	US- D454,615 S	03/19/2002	Neal	
	319	US- Des. 242,249	11/09/1976	Corder, et al.	
	320	US- 3,428,089	02/18/1969	Kachergis	

	321	US- 3,853,761	12/10/1974	McClory	
	322	US- 4,147,631	04/03/1979	Deines, et al.	
	323	US- 4,172,796	10/30/1979	Corder	
	324	US- 4,504,389	03/12/1985	Rundzaitis	
	325	US- 4,686,037	08/11/1987	Lang	
	326	US- 4,968,440	11/06/1990	Woodruff	
	327	US- 5,645,720	07/08/1997	Godines	
	328	US- 5,705,067	01/06/1998	Sumi, et al.	
	329	US- 5,795,475	08/18/1998	Luedke, et al.	
	330	US- 5,833,849	11/10/1998	Primdahl	
	331	US- 5,989,425	11/23/1999	Yonezawa, et al.	
	332	US- 6,123,837	09/26/2000	Wadsworth, et al.	
	333	US- 6,258,266 B1	07/10/2001	Riback, et al.	
	334	US- 4,681,677	07/21/1987	Kuh, et al.	
	335	US- 4,698,164	10/06/1987	Ellis	
	336	US- 4,885,081	12/05/1989	Oliver	
	337	US- 5,527,451	06/18/1996	Hembree, et al.	
	338	US- 5,676,824	10/14/1997	Jeon, et al.	
	339	US- 5,935,426	08/10/1999	Giordano, et al.	
	340	US- 5,997,734	12/07/1999	Koski, et al.	
	341	US- 6,120,683	09/19/2000	Reinhart, et al.	
	342	US- 6,428,708 B1	08/06/2002	Halemba, et al.	
	343	US- 6,428,687 B1	08/06/2002	Moretto	
	344	US- 6,491,811 B2	12/10/2002	Conrad, et al.	
	345	US- 2002/0134714 A1	09/26/2002	Ozeki, et al.	
	346	US- 543,922	08/06/1895	Buckley	
	347	US- 5,128,034	07/07/1992	Kool	
	348	US- 4,572,785	02/25/1986	Braaten	
	349	US- 5,083,442	01/28/1992	Vlock	
	350	US- 5,108,590	04/28/1992	DiSanto	
	351	US- 5,193,892	03/16/1993	Swindell	
	352	US- 5,395,509	03/07/1995	Guerra Cisneros, et al.	
	353	US- 5,707,518	01/13/1998	Coates, et al.	
	354	US- 5,715,699	02/10/1998	Coates, et al.	
	355	US- 5,766,453	06/16/1998	Morellato, et al.	
	356	US- 5,813,245	09/29/1998	Coates, et al.	
	357	US- 5,813,246	09/29/1998		
	358	US- 5,907,958	06/01/1999	Coates, et al.	
	359	US- 6,120,685	09/19/2000	Carlson, et al.	
	360	US- 6,303,031 B1	10/16/2001	Senner	
	361	US- 6,337,015 B1	01/08/2002	Poirier	
	362	US- 5,730,863	03/24/1998	Howlings, et al.	
	363	US- Des. 235,206	05/27/1975	Bertrand	
	364	US- Des. 326,706	06/02/1992	Karlsson	
	365	US- Des. 330,587	10/27/1992	Seeley	
	366	US- Des. 395,705	06/20/1998	Ediger, et al.	
	367	US- Des. 398,367	09/15/1998	Andrepoint, et al.	
	368	US- Des. 402,745	12/15/1998	Termeer, et al.	
	369	US- Des. 437,402	02/06/2001	Gieseke, et al.	
	370	US- Des. 446,840	08/21/2001	Strand	
	371	US- Des. 465,018	10/29/2002	Gustafsson, et al.	
	372	US- Des. 466,602	12/03/2002	Gieseke, et al.	
	373	US- 3,847,787	11/12/1974	Okazaki, et al.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ²	Number ⁴	Kind (if known)				
	374	UK	2 257 429 A		01/13/1993	Porter, et al.		
	375	JP	4-277080		10/02/1992	Fujiwara		Abstract
	376	EP	1106228		06/13/2001	Malsy, et al.		Abstract
	377	EP	0947231 A1		10/06/1999	Hembree		
	378	EP	0891952		06/13/2000	Hofmann, et al.		Abstract
	379	EP	0880986 A2		12/02/1998	Primdahl		
	380	EP	0668243 B1		09/19/2001	Zucholl		Claims- T
	381	EP	0616975 A2		09/28/1994	Kuennen, et al.		

	382	EP 0563027	06/28/1994	Hochgatterer		Abstract
	383	WO 02/085794	10/31/2002	Abramowitz, et al.		
	384	WO 02/14228 A2	02/21/2002	Schorzman		
	385	WO 01/174725	10/11/2001	Haase, et al.		
	386	WO 01/44120 A2	06/21/2001	Van Esch		
	387	WO 01/12559 A1	02/22/2001	Plester, et al.		
	388	WO 00/43319	07/27/2000	Fish, et al.		
	389	WO 00/37363	06/29/2000	Poirier, et al.		
	390	WO 00/25887	05/11/2000	Heyes, et al.		
	391	WO 00/01626	01/13/2000	Bielfeldt, et al.		Abstract
	392	WO 00/01625	01/13/2000	Bielfeldt, et al.		Abstract
	393	WO 00/01624	01/13/2000	Bielfeldt, et al.		Abstract
	394	WO 00/00437	01/06/2000	Hughes		
	395	WO 00/00266	01/06/2000	Reid		
	396	WO 99/10069	03/04/1999	Hsu		
	397	WO 99/07456	02/18/1999	Giordano, et al.		
	398	WO 98/37950	09/19/2000	Behmann, et al.		
	399	WO 98/12489	03/26/1998	Evans, et al.		
	400	WO 97/34832	09/25/1997	Bilz		Abstract
	401	WO 97/30938	08/28/1997	Preisig, et al.		Abstract
	402	WO 96/30310	10/03/1996	Plester		
	403	WO 96/30309	10/03/1996	Plester		
	404	WO 95/24256	09/14/1995	Hembree		
	405	WO 95/09129	04/06/1995	Sutera		
	406	WO 95/05237	02/23/1995	Sherman		
	407	WO 93/23336	11/25/1993	Chung		
	408	WO 94/23827	10/25/1994	Frank, et al.		
	409	WO 93/17725	09/16/1993	Burris		
	410	WO 92/12784	08/06/1992	Weber		
	411	WO 93/12864	01/07/1992	Whittier		
	412	WO 91/01786	02/21/1991	Beall		
	413	WO 88/07500	10/06/1988	Burrows		
	414	GB 2311775 A	10/08/1997	Sang-Wook		
	415	GB 2250281 A	06/03/1992	Porter, et al.		
	416	GB 2238532 A	06/05/1991	Lin		
	417	GB 1546409	05/23/1979			
	418	GB 1470874	04/21/1977			
	419	GB 1202215	08/12/1970	Rak		
	420	DE 19717579	10/29/1998	Sandt, et al.		Abstract
	421	DE 19650191	08/06/1998	Wang		Abstract
	422	DE 10016365	10/18/2001	Steinle		Abstract
	423	DE 4116128	11/19/1992	Hauptmann, et al.		Abstract
	424	DE 4028529	03/12/1992	Beifuss		Abstract
	425	DE 3914940	11/08/1990	Lauer		Abstract
	426	DE 3738231	05/24/1989	Mueck, et al.		Abstract
	427	DE 3511389	05/21/1985	Fermaglich		Abstract
	428	FR 2788511	07/21/2000	Duflos		Abstract
	429	FR 2557807	07/12/1985	Brun		Abstract
	430	GB 191,594	01/18/1923	Magrath		
	431	JP 10076254	03/24/1998	Yamashita, et al.		Abstract
	432	DE 2 357 585	11/20/1972	Stern		Abstract
	433	GB 2 029 255 A	03/19/1980	Bullock, et al.		
	434	WO 99/47226	09/23/1999	Loftis, et al.		
EXAMINER			DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

-
-
-
-